

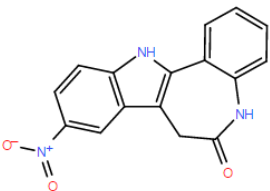
## Certificate of Analysis

Target	Inhibitors & Agonists>>Cell Cycle/DNA Damage>>Cyclin-dependent Kinase (CDK)
Cat.No	DC9838
Name	Alsterpaullone

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## Chemical Properties

CAS	237430-03-4
Formula	C <sub>16</sub> H <sub>11</sub> N <sub>3</sub> O <sub>3</sub>
MW	293.28
Storage	4°C for 1 year, -20°C for more than 2 years
Structure	 <p>The chemical structure of Alsterpaullone is a complex polycyclic molecule. It features a central benzimidazole ring system. One of the benzimidazole nitrogens is substituted with a 4-nitrophenyl group. The other benzimidazole nitrogen is part of a fused bicyclic system that includes a benzene ring and a five-membered ring containing a nitrogen atom and a carbonyl group. The nitro group is shown with a positive charge on the nitrogen and a negative charge on one of the oxygens.</p>
Purity	>98%

Website:  
www.dcchemicals.com